



METHOD FOR MEASURING TEMPERATURE AND OF ADJUSTING FOR TEMPERATURE
SENSITIVITY WITH A MEDICAL DEVICE HAVING A POSITION SENSOR

INVENTOR: ASSAF GOVARI

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"REPLACEMENT"

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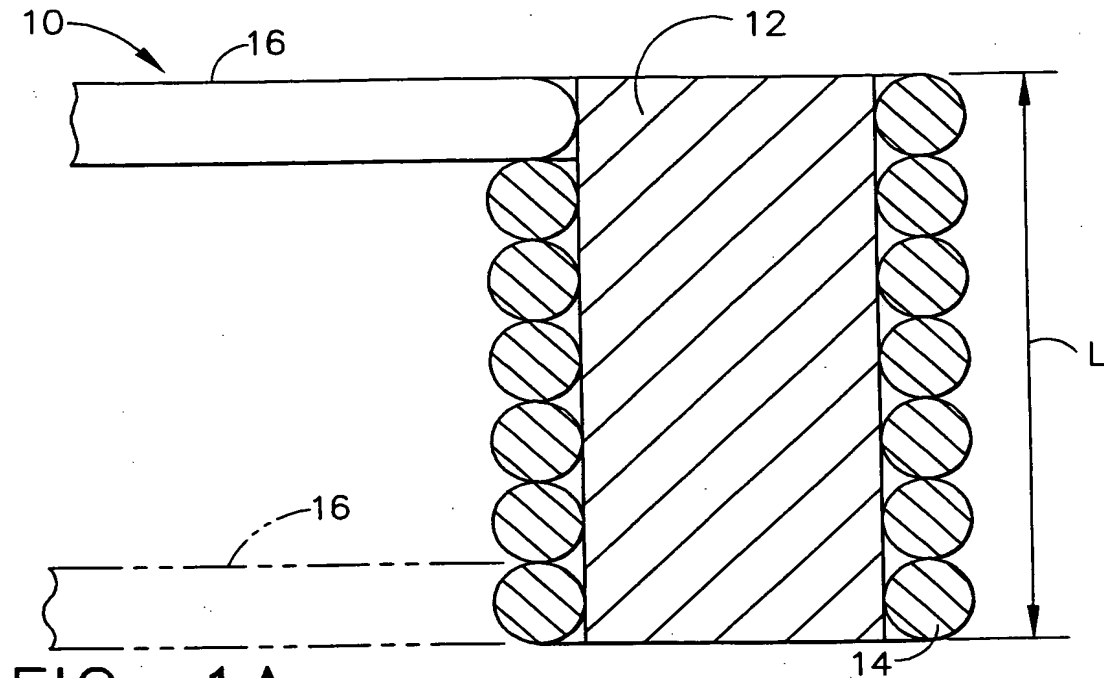


FIG. 1A

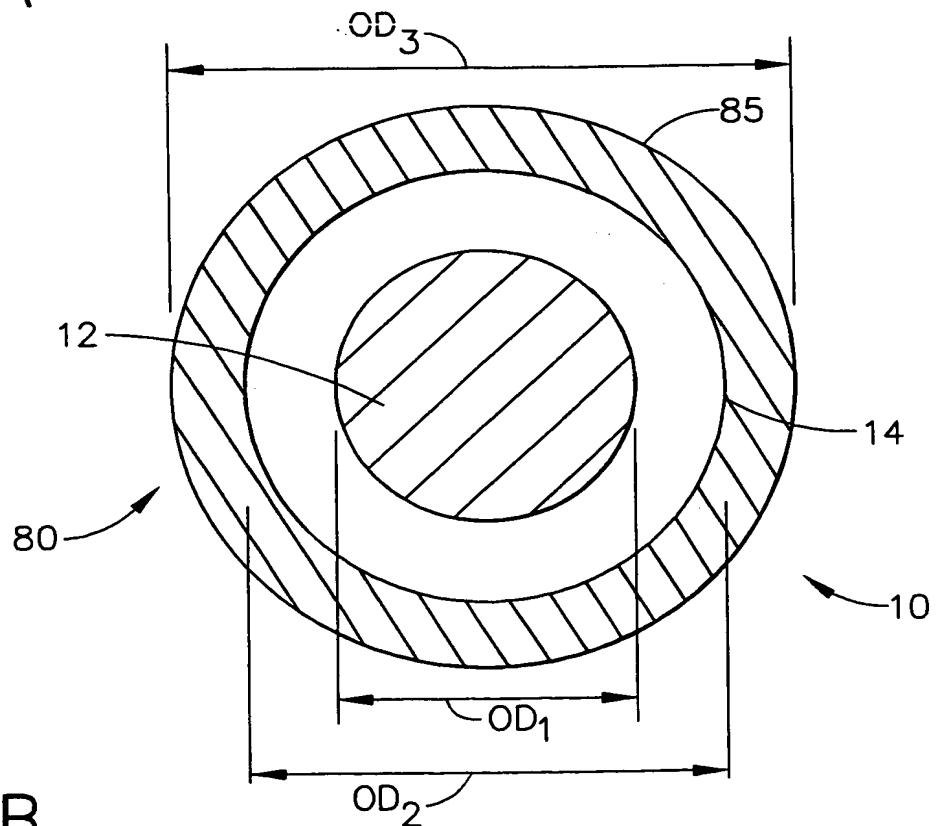


FIG. 1B

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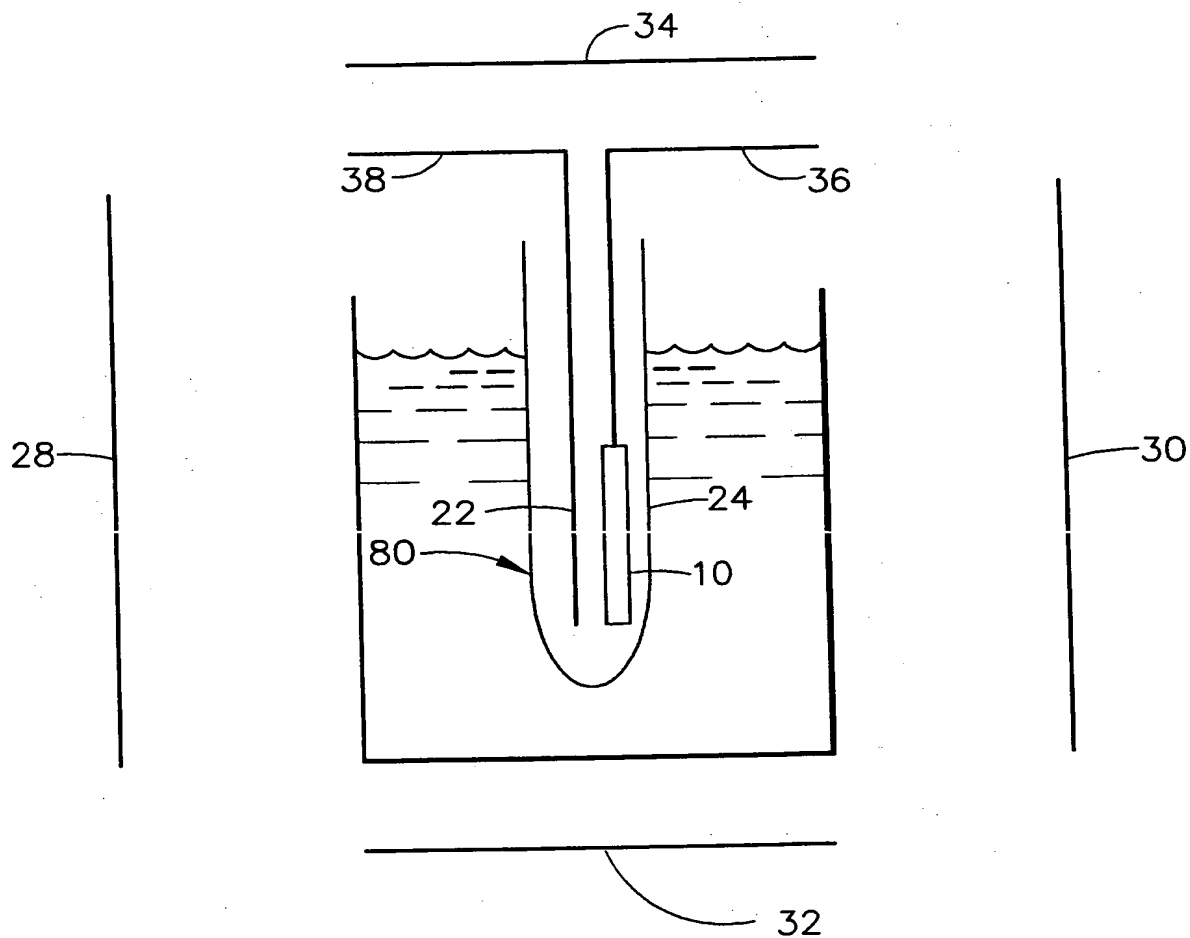


FIG. 2

METHOD FOR MEASURING TEMPERATURE AND OF ADJUSTING FOR TEMPERATURE
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REGRESSING HEAT EXPERIMENT SENSOR 2

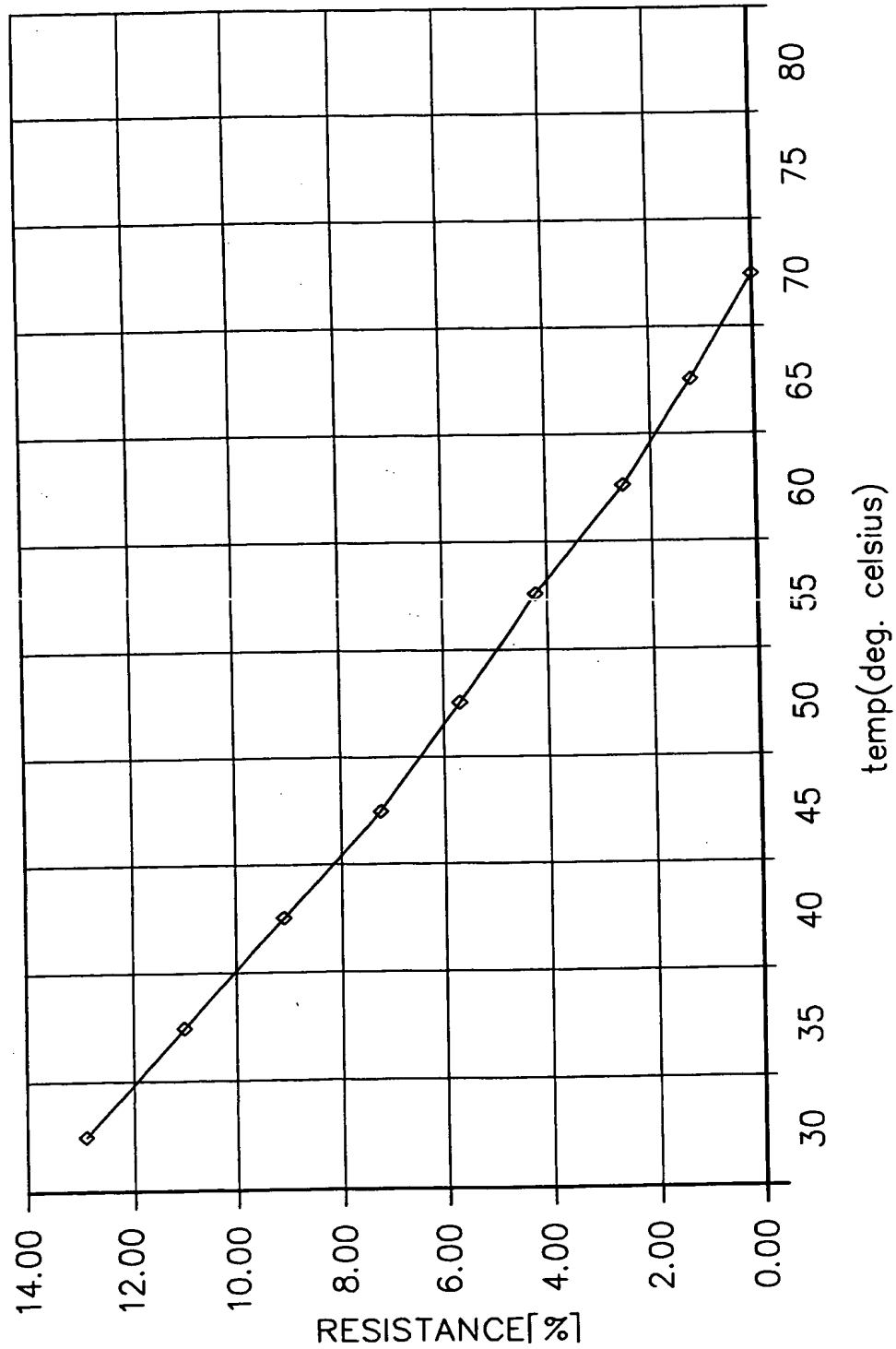


FIG. 3A

METHOD FOR MEASURING TEMPERATURE AND OF ADJUSTING FOR TEMPERATURE
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REGRESSING HEAT EXPERIMENT SENSOR 2

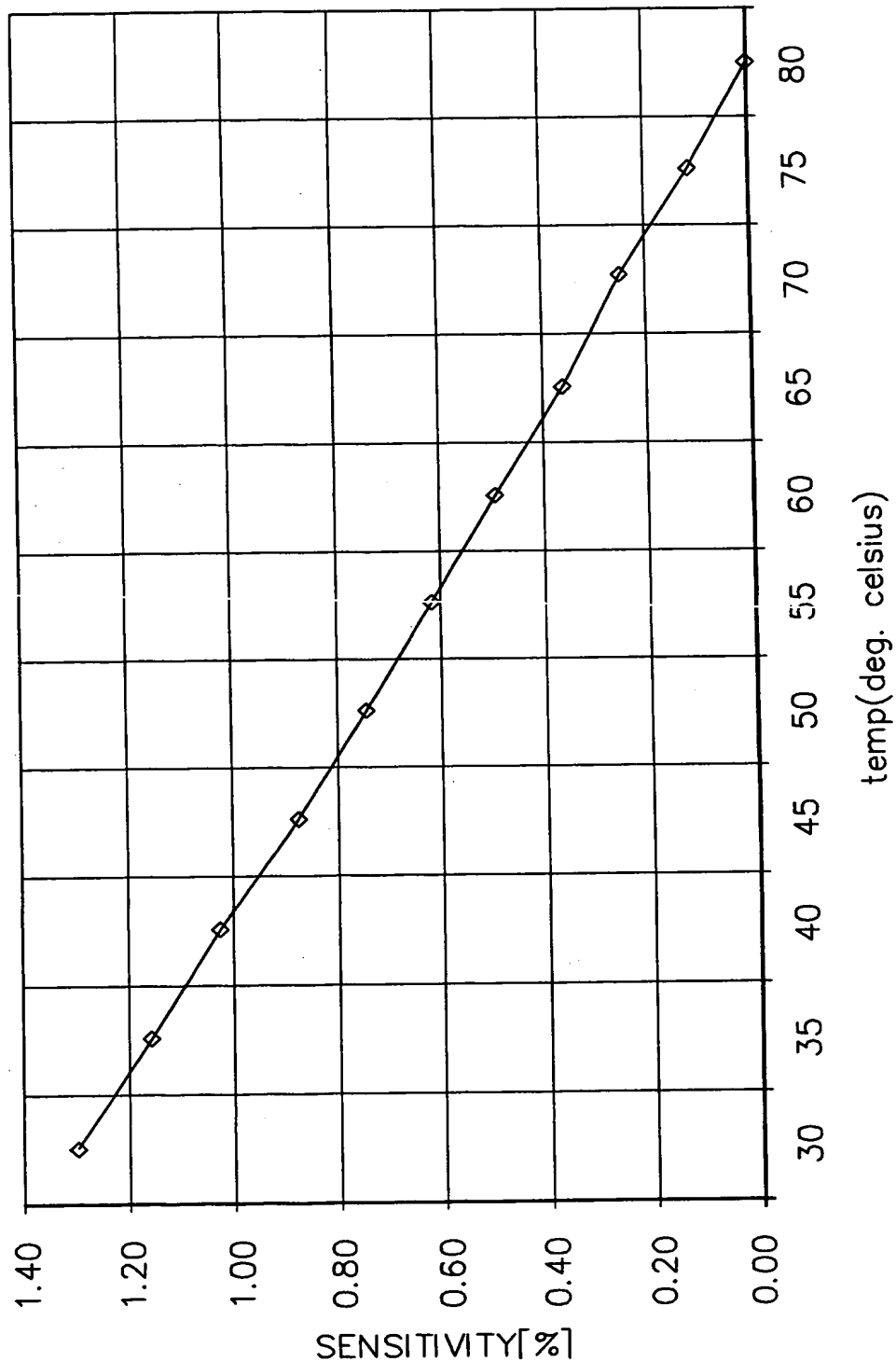


FIG. 3B

METHOD FOR MEASURING TEMPERATURE AND OF ADJUSTING FOR TEMPERATURE
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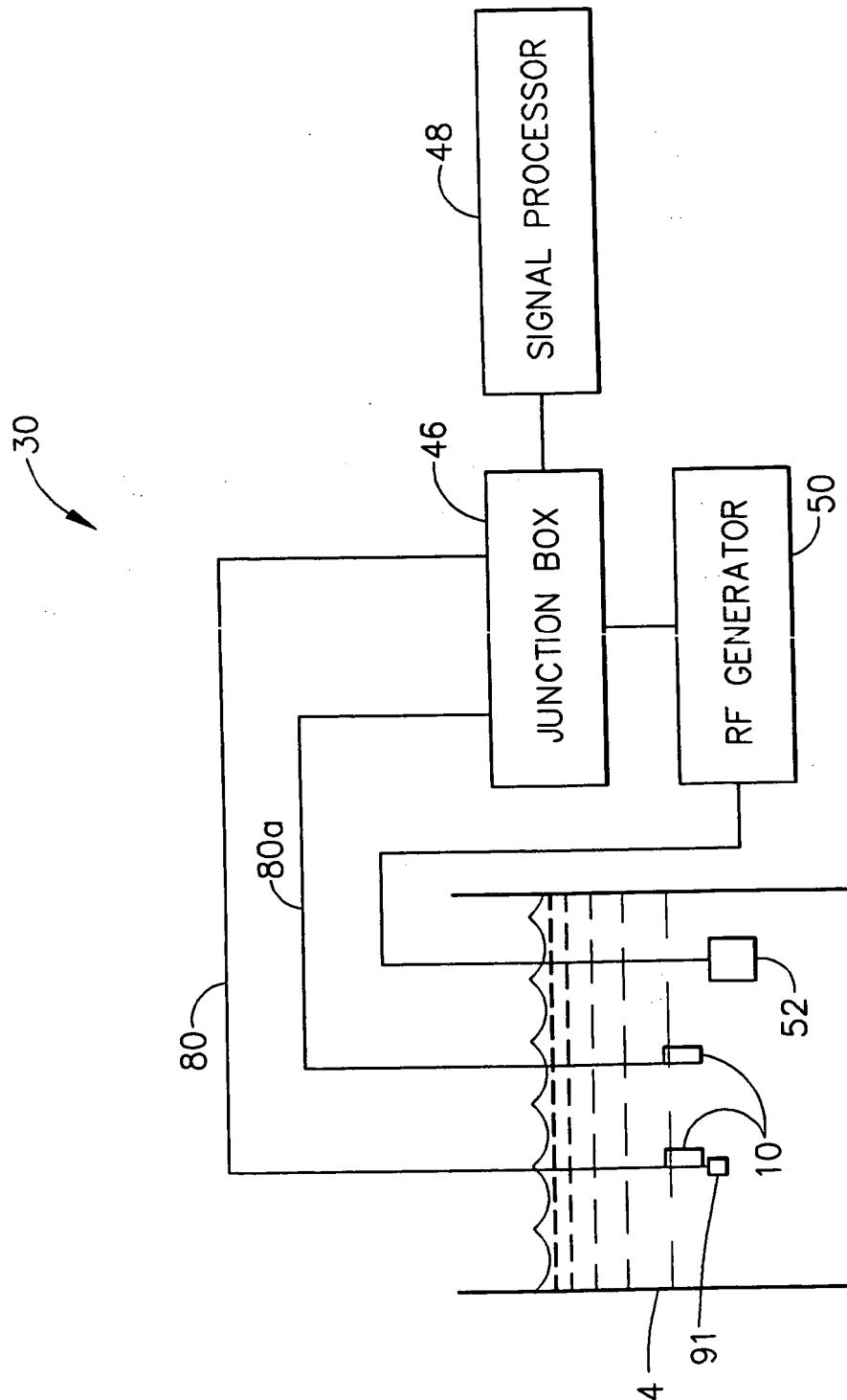


FIG. 4

METHOD FOR MEASURING TEMPERATURE AND OF ADJUSTING FOR TEMPERATURE
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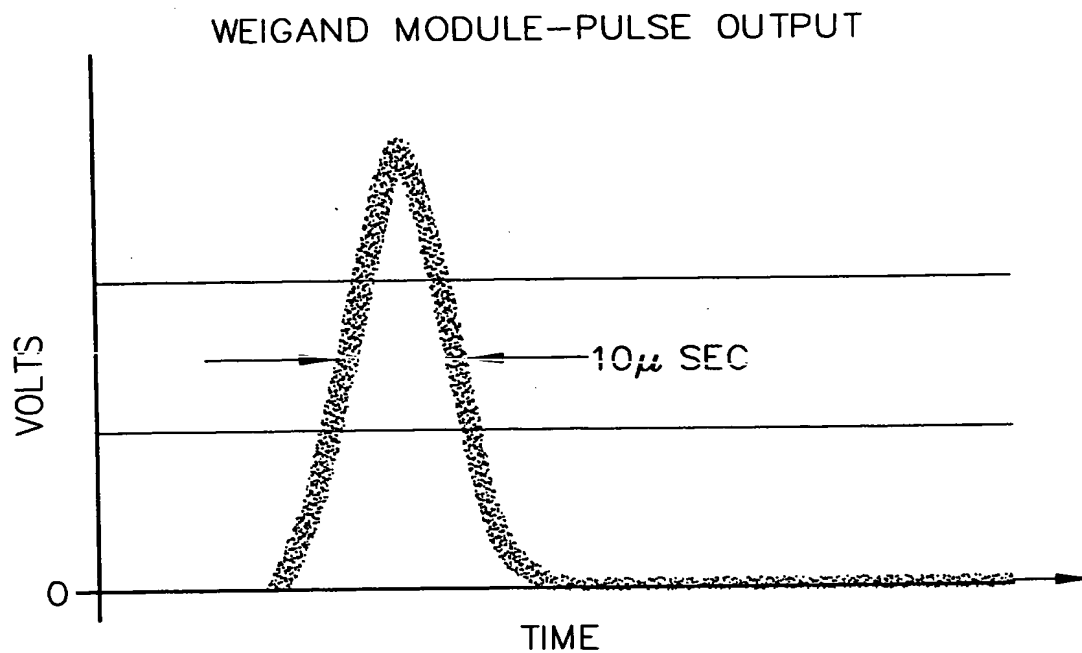


FIG. 5

METHOD FOR MEASURING TEMPERATURE AND OF ADJUSTING FOR TEMPERATURE
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"REPLACEMENT"

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REGRESSING HEAT EXPERIMENT

	1		2		3		4	
	sensitivity	resistance	sensitivity	resistance	sensitivity	resistance	sensitivity	resistance
30	2.6290	1.39	176.30	12.59	2.3925	1.30	165.20	12.89
35	2.6327	1.25	178.90	10.96	2.3958	1.18	168.00	11.01
40	2.6356	1.13	181.80	9.19	2.3990	1.03	171.00	9.06
45	2.6390	1.00	184.40	7.65	2.4025	0.86	173.90	7.25
50	2.6419	0.89	187.40	5.92	2.4057	0.74	176.40	5.73
55	2.6457	0.75	190.40	4.25	2.4087	0.62	178.90	4.25
60	2.6489	0.63	192.80	2.96	2.4116	0.50	181.80	2.59
65	2.6519	0.51	195.80	1.38	2.4148	0.36	184.30	1.19
70	2.6567	0.37	198.50	0.00	2.4176	0.25	186.50	0.00
75	2.6599	0.21			2.4207	0.12		
80	2.6555	0.00			2.4236	0.00		
slope	-0.0266	-0.3165			-0.0250	-0.3233		
					-0.0289	-0.3305		
							-0.0254	-0.3279

	5		6		7		8	
	sensitivity	resistance	sensitivity	resistance	sensitivity	resistance	sensitivity	resistance
30	3.3480	1.00	235.7	12.16	2.4290	1.32	160.32	20.27
35	3.3506	0.92	239.3	10.49	2.4319	1.20	161.70	19.23
40	3.3533	0.84	242.8	8.90	2.4356	1.05	166.30	15.94
45	3.3568	0.74	246.7	7.17	2.4387	0.92	171.00	12.75
50	3.3605	0.62	250.9	5.38	2.4428	0.75	172.90	11.51
55	3.3642	0.51	254.4	3.93	2.4452	0.61	174.10	10.74
60	3.3674	0.42	258.7	2.20	2.4494	0.48	183.90	4.84
65	3.3708	0.32	261.7	1.03	2.4516	0.39	190.20	1.37
70	3.3749	0.20	264.4	0.00	2.4546	0.25	192.80	0.00
75	3.3780	0.10	267.9		2.4580	0.13		
80	3.3815	0.00			2.4511	0.00		
slope	-0.205	-0.3124			-0.0266	-0.5271		
							-0.0219	-0.3069

FIG. 6